

# **CALFED Rock Slough & Old River Water Quality Improvement Projects**



## ***Project Purposes***

- Improve water quality in south Delta
- Improve operational flexibility of CCWD, SWP and CVP, and save water

## ***Status:***

- Engineering studies completed with EPA, DWQP, and DWR funding
- DWR and Authority staff now reviewing implementation proposal and contract
- Environmental documents in preparation/review
- Construction: 2004 – 2006
- BMP outreach and screening to begin in December 2003

# CALFED Program Linkages



## *Drinking Water Quality Program*

- Improves source water quality at Delta drinking water intakes by reducing concentration of key constituents
- Targets drains specified in ROD and Drinking Water Program Plan
- Addresses source control of key constituents and is integral with ELPH strategy
- BMP implementation will further reduce loading
  - Serve as pilot program for broader implementation in the Delta
  - Linkage with Working Landscapes, Watersheds

## *Water Supply Program*

- Linked to implementation of barriers and increased Banks pumping
- Improves flexibility of CVP and SWP operations
- Potentially reduces water cost of D-1641

# What is specific problem?

A faint map of the Sacramento-San Joaquin River Delta is visible in the background. It shows the extensive network of waterways, including the Sacramento River, San Joaquin River, and various tracts like the Colusa Tract, Yuba Tract, and others. The map is oriented with North at the top.

- **Local Non-Point Source degrades source water quality for drinking water and water quality in the South Delta through surface water and groundwater runoff**

# Funding Decisions Critical to Schedule

- Need funding decision in December by CBDA to stay on schedule with ROD
  - Design phase begins in December and present funding insufficient
  - Projects are consistent with ROD, are required before permanent barriers are operable
- Construction will begin in summer of 2004
- Local partnerships on Byron Tract will accelerate implementation and will lower cost
- Cost control and peer review included
- Close coordination with DWR, USBR
- Funding is available through Proposition 13 which set aside funding for projects of this type

# Key Information for CALFED Agencies



- **Byron and Veale Projects expected to involve Initial Study / Mitigated Negative Declarations due to expected absence of impacts**
  - CCWD is state lead on CEQA
- **Canal Project will be full EIS/EIR**
  - CCWD is state lead on CEQA
  - Reclamation is federal lead on NEPA
- **Need review by CALFED agencies**
  - Byron Tract IS/MND admin draft review in Oct. /Nov. 2003
  - Veale tract IS/MND admin draft review in Dec. 2003
  - Canal encasement admin draft review EIR/EIS in Aug. 2004

# Project Cost, Cost Share, Decision Process

| Rock Slough                           | Total (m) | Requested (m) |
|---------------------------------------|-----------|---------------|
| <i>Veale Tract Pump Station</i>       | \$ 0.919  | \$ 0.919      |
| <i>Veale Tract BMPs</i>               | \$ 0.200  | \$ 0.200      |
| <i>Canal Encasement *</i>             | \$ 9.135  | \$ 7.335      |
| <br>                                  |           |               |
| Old River                             |           |               |
| <i>Byron Tract Outfall / Diffuser</i> | \$ 1.743  | \$ 1.743      |
| <i>Byron Tract BMPs</i>               | \$ 0.300  | \$ 0.300      |
| <hr/>                                 |           | <hr/>         |
| \$12.297                              |           | \$ 10.497     |

\$10.5 m Proposal being reviewed as part of SWRCB NPS / CALFED  
DWQP 2003 RFCP

Source of funds: Proposition 13, Chapter 9 – controlled by CALFED/DWR

\* Canal encasement project includes 20% local cost share. Additional phases of the project may use federal WRDA funding and other contributions.



A faint, light-colored map of the Contra Costa Water District is visible in the background, showing various tracts and geographical features. The map is partially obscured by a dark blue gradient overlay.

## Contact:

David A. Briggs  
Project Manager  
Contra Costa Water District  
(925) 688-8073  
[dbriggs@ccwater.com](mailto:dbriggs@ccwater.com)